Medical
Direct

CONTENTS OF VOLUME 40

ORIGINAL ARTICLES

Peritendinitis Calcarea: A Common Disease of Middle Life: Its Diagnosis, Pathology and Treatment	*Carl Sandström*	1
Non-Putrid Pulmonary Suppuration	*Marcy L. Sussman, M.D.*	22
Roentgenologic Diagnosis of Placenta Previa: Indirect Placentography	*Walter H. Ude, M.D.* *J. A. Urner, M.D., Ph.D.* *O. F. Robbins, M.D.*	37
Klippel-Feil Syndrome with Unusual Clinical Manifestations	*Edward L. Turner* *H. S. Shoulders* *L. D. Scott*	43
Carcinoma of the Uterine Cervix	*Harry H. Bowing, M.D.* *Robert E. Fricke, M.D.*	47
Clinical Observations in the Use of Supervoltage Roentgen Rays Based upon Six Years' Experience	*Albert Soiland, M.D.*	52
Multiple Giant Calculi of the Prostate Gland	*A. A. Creecy, M. D.* *Henry Silberman, M.D.*	63
Large Intrathoracic Thyroid	*Ralph B. Miller, M.D.*	66
The Measurement of Gamma Rays	*Prof. Walter Friedrich*	69
The Ionization Measurement of Gamma Radiation	*G. W. C. Kaye, O.B.E., M.A., D.Sc.* *W. Binks, M.Sc.*	80
Some Problems of Gamma-Ray Measurement	*G. C. Laurence*	92
Measurements of Radiation Energy and True Tissue Dosage (Energy Absorption) in High Voltage Therapy	*Leopold Rovner*	104
Factors Influencing the Quantitative Measurement of the Roentgen-Ray Absorption of Tooth-Slabs. IX. Tube-Machine Combination Factors	*Harold C. Hodge, Ph.D.* *Grant Van Huysen, D.D.S.* *Stafford L. Warren, M.D.*	108
Case Report from Weekly Seminar of the Roentgenological Department, Massachusetts General Hospital	*James R. Lingley, M.D.*	126
Roentgen Kymographic Studies of Aneurysms and Mediastinal Tumors	*Wendell G. Scott, A.B., M.D.* *Sherwood Moore, M.D.*	165
Roentgen Kymography of the Normal Colon: Defecation in Man	*Richard A. Rendich, M.D.* *Leo A. Harrington, M.D.*	173
Malignant Bronchial Stenosis: Bronchographic Aspect	*Pedro L. Fariñas, M.D.*	180
The Significance of Left Auricular Dilatation in Auricular Fibrillation	*Marcy L. Sussman, M.D.* *Marston T. Woodruff, M.D.*	184
Roentgenologic Examination of the Normal Breast: Its Evaluation in Demonstrating Early Neoplastic Changes	*J. Gershon-Cohen, M.D.* *Albert Strickler, M.D.*	189
Resolving Lobar Pneumonia in Adults Simulating Tuberculosis in the Roentgenogram	*Samuel Cohen, M.D.*	202
Roentgenological Manifestations in Bone Syphilis	*Dudley Marcus Stewart, M.D.*	215
Luetic Osteitis Simulating Malignant Disease	*A. H. Ungerman, M.D.* *W. H. Vicary, M.D.* *W. W. Eldridge, M.D.*	224
Roentgen Findings in Morvan's Type of Syringomyelia	*F. B. Mandeville, M.D.*	230
Congenital Absence of the Middle of the Esophagus	*Arthur S. Unger, M.D.* *M. H. Poppel, M.D.*	240
The Effect of Roentgen Rays on the Stomach in Rabbits	*Rolf Bull Engelstad, M.D.*	243

Results Obtained in Radiation Treatment of Inoperable Collum Carcinoma	*Ivan de Büben, M.D.*	264
Factors Influencing the Quantitative Measurement of the Roentgen-Ray Absorption of Tooth Slabs. X. Tissue Factors	*Harold C. Hodge, Ph.D.*, *Grant Van Huysen, D.D.S.*, *Stafford L. Warren, M.D.*	269
The Advantages of Non-Screen Roentgenography	*Hermann H. Duerr, Ph.D.*	283
Case Report from Weekly Seminar of Roentgenological Department, Massachusetts General Hospital	*James R. Lingley, M.D.*	291
The Practical Importance of Mechanics in Digestion	*A. E. Barclay, O.B.E., M.A., M.D.*, *M.R.C.P.*	325
Experimental Studies on Gastric Physiology in Man. IV. The Influence of Osmotic Pressure Changes of Salt and Sugar Solutions on Pyloric Action and Gastric Emptying in the Normal and Operated Stomach	*J. Gershon-Cohen, M.D.*, *Harry Shay, M.D.*, *S. S. Fels*	335
Giant Cell Tumor of the Vertebrae	*E. L. Jenkinson, M.D.*, *A. F. Hunter, M.D.*, *E. W. Roberts, M.D.*	344
Ventriculographic Localization of Intracranial Tumors	*Vincent C. Johnson, M.D.*, *Carl F. List, M.D.*	348
Enlarged Glomus Defect Contralateral to the Side of Ventricular Puncture	*M. H. Poppel, M.D.*	357
The Shape of the Female Pelvis and Its Clinical Significance: Further Roentgen Studies	*L. H. Garland, M.B.*	359
Roentgenological Diagnosis of Perinephritic Abscess and Perinephritis	*Albert E. Goldstein, M.D.*, *Marcus Ostro, M.D.*	371
Primary Cancer of the Duodenum	*W. D. Duckworth, M.D.*	377
Carcinoma in a Case of Esophageal Hiatus Hernia	*L. G. Jacobs, M.D.*	381
Bilateral Subcapital Fractures of the Femurs Following Carcinoma of the Uterus	*Bernard S. Kalayjian, M.A., M.D.*	383
The Roentgenographic Diagnosis of Vital Pulp Infection	*M. J. Fuendeling, M.D.*, *T. L. Cartney, D.D.S.*	386
Roentgen Diagnosis of Reducible Hernia	*Carye-Belle Henle, M.D.*	392
The Visualization of the Aorta by the Method of Roentgenographic Overpenetration	*Bernard S. Epstein, M.D.*	396
Concerning Roentgenographic Details	*Frederick Bettelheim, M.D.*	401
The Evolution of Chest Roentgenographic Technique	*Gilberto S. Pesquera, M.D.*, *Homer L. Sampson, Sc.D.*	405
Hydropneumopericardium	*Clinton G. Lyons, M.D.*	410
End-Results of Irradiation of the Thymus Gland in Twenty-seven Normal Infants and Children	*Charles Gilmore Kerley, M.D.*	416
The Effect of Roentgen Rays on Tumors in Animals Treated by Prolonged Continuous Exposure of Entire Body	*Halsey J. Bagg*	418
Some Effects of Radiation on Oil	*W. Stenstrom*, *I. Vigness*	427
Case Report from the Massachusetts General Hospital	*J. R. Lingley, M.D.*	434
Compression Blocks in Gastrointestinal Roentgenography. A Simplified Technique for Roentgenographing Mucosal Patterns	*Morris A. Hershenson, B.S., M.D.*	451
Seventeen Years' Experience in Radiation Therapy of Cancer, Zurich, 1919–1935	*Prof. Hans R. Schinz*	485

Principles Governing Roentgen and Radium Therapy	*Prof. Dr. H. Holthusen*	497
The Temperature Coefficient of the Effect of Radiation on Proteins and Its Relation to Injury of the Living Cell	*Janet Howell Clark*	501
Cancer of the Larynx	*H. Coutard*	509
Radiation Therapy of Chronic Mastitis	*Howard C. Taylor, Jr.* *Robert L. Brown*	517
Osteoradionecrosis in Intraoral Cancer	*William L. Watson, M.D., F.A.C.S.* *James E. Scarborough, M.D.*	524
Radium Therapy in Primary Carcinoma of the Urethra	*Ira I. Kaplan, B.S., M.D.*	535
The Roentgenologic Localization of Tumors Affecting the Spinal Cord	*John D. Camp, M.D.*	540
Accidental Extrapleural Pneumothorax: Roentgenographic Appearance	*Waldo R. Oechsli, M.D.*	545
Tumors of the Hypophysis Cerebri from a Roentgenologic Viewpoint	*Charles Wadsworth Schwartz, M.D.*	548
Enlarged Parietal Foramina	*J. Townsend Travers* *Lowell C. Wormley*	571
Epiphyseolysis or Separation of the Capital Epiphysis of the Femur in Adolescence	*Maurice M. Pomeranz, M.D.*	580
The Significance of the Lateral View of the Rectum	*Samuel A. Robins, M.D.* *William S. Altman, M.D.*	598
Subarachnoid Alcohol Injection for Relief of Brachial Neuritis	*Harry C. Saltzstein, M.D.* *Frederic Schreiber, M.D.*	606
Note on the Reduction of Back-scatter from Roentgen Beams	*Benedict Cassen, Ph.D.* *K. E. Corrigan, Ph.D.*	608
The Photo-electric Densitometer	*J. E. Morgan, Ph.D.* *Robert J. Reeves, M.D.*	610
Traumatic Malacia of Tarsals and Metatarsals	*C. W. Brainard, M.D.* *W. O. Upson, M.D.*	616
Case Report from the Massachusetts General Hospital	*James R. Lingley, M.D.*	619
The Chromophobe Adenomas of the Pituitary	*Max T. Schnitker, M.D.* *Elliott C. Cutler, M.D.* *Orville T. Bailey, M.D.* *Walter W. Vaughan, M.D.*	645
The Place of Irradiation in Acromegaly	*W. W. Vaughan, M.D.*	660
Displacement and Recession of the Choroid Plexus	*R. M. Lowman, M.D.* *T. J. C. von Storch, M.D.*	669
Stippled Epiphyses with Congenital Hypothyroidism (Cretinoid Epiphyseal Dysgenesis)	*W. A. Reilly, M.D.* *F. S. Smyth, M.D.*	675
A Typical Form of Humerus Varus: Adolescent Humerus Varus	*Michael S. Burman, M.D.*	682
Diverticulosis of the Small Intestine	*Maximilian J. Hubeny, M.D.* *Simon Pollack, M.D.*	689
Experimental Studies on Gastric Physiology in Man. VI. The Relation of Size, Shape and Position of the Stomach to its Acid Secretion	*J. Gershon-Cohen, M.D.* *Harry Shay, M.D.* *Samuel S. Fels*	695
Barium Sulphate Suspension in Colloidal Aluminum Hydroxide	*Edward E. Woldman, M.D.*	705
Radiation Treatment of Pancreatic Cancer	*George T. Pack* *Gordon McNeer*	708
Carcinoma of the Urinary Bladder, Cervix Uteri and Prostate Treated by Supervoltage Roentgen Rays	*John E. Wirth, M.D.*	715

A New Instrument for Irradiation of Tumors of the Nasopharynx with Radium or Radon	*John V. Blady, M.D.*	723
Pyelo-ureterography in Inclined Planes	*R. J. Price, M.D.*	730
Metastatic Obstruction of the Esophagus	*Charles W. Perkins, M.D.*	737
The Control and Calibration of Roentgenographic Apparatus	*Charles Weyl* *S. Reid Warren, Jr.* *Dallett B. O'Neill*	741
A Cuff Balloon for the Retention of Barium Enemas	*C. F. Ingersoll, M.D.*	780
A Method for Securing Radium Needles in the Mouth	*Harold W. Jacox, M.D.* *S. Glenn Major, M.D.*	785
The Development of the Forms of Treatment in Carcinoma of the Uterine Cervix during the Last One Hundred Years: Janeway Memorial Lecture	*Henry Schmitz, M.D.*	805
Observations on the Changes Occurring at Benign Giant Cell Tumor Sites Several Years Following Treatment by Conservative Measures	*Alexander Brunschwig, M.D.*	817
Aneurysms of the Aortic Sinuses or Sinus of Valsalva	*Herman W. Ostrum, M.D.* *Benjamin D. Robinson, M.D.* *Charles F. Nichols, M.D.* *Bernard P. Widmann, M.D.*	828
A Roentgenologic Anatomic Study of the Left Auricle Following Post-Mortem Opacification	*R. Heim de Balsac* *Daniel Routier*	838
Roentgenologic Classification and Diagnosis of Silicosis	*Philip B. Matz, M.D.*	848
Bilateral Pleural Collections of Fluid	*J. S. Packard, M.D.* *Burgess Gordon, M.D.*	859
Roentgenological Manifestations of Emphysema	*James O'Donoghue, M.D.*	863
Fractures of Atlas Resulting from Automobile Accidents	*H. F. Plaut, M.D.*	867
Cancer of the Ovary and Its Treatment	*Curtis F. Burnam, M.D.*	891
Late Bladder Complications following Application of Radium to the Uterus or Uterine Cervix	*Andrew McNally, B.S., M.D.*	895
Interstitial Use of Low Radium Content Monel Metal Needles in Treatment of Angiomas	*Harold G. F. Edwards, M.D.*	899
The Iowa Experiment in Cancer Control	*Arthur W. Erskine, M.D.*	903
The Biological Measurement of Radiation Quantities	*P. S. Henshaw, Ph.D.* *D. S. Francis, Ph.D.*	906
Studies on Roentgen Cinematography of the Internal Organs and Circulation of the Blood of the Human Body	*Dr. Kunio Kawaishi*	913
An Improved Uterine Applicator	*Harold Swanberg, M.D.*	932
Anorectal Plug	*Herman G. Rosenblum, M.D.*	935